

Application No. 09/887,553
Reply to Office action of January 29, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A pogo stick that is collapsible for ease of transportation and compact storage while having a rugged construction that ensures high quality and durability and having a pneumatic spring of selectively variable stiffness comprising:

- a handlebar including at least one elongate member, said elongate member comprising an upper tube and a lower tube in which one tube telescopes into the other;
- first and second collapsible grips supported by said upper tube;
- a collapsible footrest supported by said lower tube;
- a cylinder supported by said lower tube;
- a pneumatic spring piston located within said cylinder;
- a tipped bottom shaft coupled at an upper end to said piston, said tipped bottom shaft being substantially collapsible into said cylinder; and
- a manual pump substantially contained within said tipped bottom shaft.

Claim 2 (original): A pogo stick that is collapsible for ease of transportation and compact storage and having a pneumatic spring comprising;

- a handlebar including at least one elongate member, said elongate member comprising a lower tube and an upper tube in which one tube telescopes into the other;
- first and second collapsible grips supported by said upper tubes;
- a collapsible footrest supported by said lower tubes;
- a cylinder supported by said lower tubes;
- a pneumatic spring piston located within said cylinder; and

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a shaft having an upper end coupled to said pneumatic spring piston, said shaft being substantially collapsible into said cylinder.

Claim 3-18 (canceled)

Claim 19 (withdrawn): A pogo stick that is collapsible for ease of transportation and compact storage comprising:

a telescoping handlebar comprising a lower tube and an upper tube in which one tube telescopes into the other tube;

a pneumatic spring having a cylinder defining a cavity therein and a shaft extending from said cylinder, said cylinder coupled to a bottom end of said lower tube; and

a pump in communication with said cavity of said cylinder for increasing said gas pressure in said cylinder.

Claim 20 (withdrawn): The pogo stick of Claim 19 wherein said telescoping handlebar is operatively connected to said pump for increasing the gas pressure in said cylinder by telescopic movement of said upper tube with respect to said lower tube.

Claim 21 (canceled)

Claim 22 (new): A pogo stick that is very durable and is collapsible for ease of transportation and compact storage comprising:

a handlebar including at least one upper tube and one lower tube, said upper tube telescoping with said lower tube;

first and second collapsible grips supported at a top end of said upper tube;

a pneumatic spring including a cylinder defining a cavity therein and a shaft extending from said cylinder, said lower tube being coupled to said cylinder; and

a positioning device for releasably holding said upper tube in a fixed position relative to said lower tube;

wherein said pogo stick is collapsible into a small volume by lowering said upper tube into said lower tube and collapsing said grips.

Claim 23 (new): The pogo stick of Claim 22, further comprising a collapsible footrest mounted at a bottom end of said cylinder.

Claim 24 (new): The pogo stick of Claim 23 wherein said footrest is provided with a threaded through hole and wherein said cylinder is formed with outer threads for engagement with said threaded through hole.

Claim 25 (new): The pogo stick of Claim 22 wherein said cylinder is provided at a top end with at least one fastening ring extending therefrom for coupling said lower tube to said cylinder.

Claim 26 (new): The pogo stick of Claim 22, further comprising a means for adjusting the gas pressure in said cylinder.

Claim 27 (new): The pogo stick of Claim 22, further comprising a manual pump coupled to said cylinder and in communication with said cavity of said cylinder for adjusting the gas pressure in said cylinder.

Claim 28 (new): The pogo stick of Claim 22, further comprising a two-way valve coupled to said cylinder for selectively providing communication between said cavity in said cylinder and the atmosphere.

Claim 29 (new) A pogo stick that is very durable and is collapsible for ease of transportation and compact storage comprising:

 a handlebar including at least one elongate member;

 first and second collapsible grips supported at a top end of said elongate member;

 a pneumatic spring including a cylinder defining a cavity therein and a shaft extending from said cylinder, said elongate member being slidably coupled to said cylinder;

 a positioning device for releasably holding said elongate member in a fixed position relative to said cylinder; and

at least one bracket mounted on said cylinder, said elongate member being slidably engaged with said bracket;

whereby said pogo stick can be collapsed into a small volume by lowering said handlebar relative to said cylinder and collapsing said grips.

Claim 30 (new): A pogo stick that is very durable and is collapsible for ease of transportation and compact storage comprising:

a handlebar including at least one elongate member;

first and second collapsible grips supported at a top end of said elongate member;

a pneumatic spring including a cylinder defining a cavity therein and a shaft extending from said cylinder, said elongate member being slidably coupled to said cylinder; and

a positioning device for releasably holding said elongate member in a fixed position relative to said cylinder;

wherein said pogo stick is collapsible into a small volume by lowering said handlebar relative to said cylinder and collapsing said grips and wherein said shaft is fully advanceable into said cylinder to reduce the volume of said pneumatic spring when not in use.

Claim 31 (new): A pogo stick that is very durable and is collapsible for ease of transportation and compact storage comprising:

a handlebar including at least one elongate member, said elongate member comprising a lower tube and an upper tube, said upper tube being telescopically insertable into said lower tube;

a positioning device for releasably clamping said upper tube in a fixed position relative to said lower tube;

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a middle tube transversely mounted to said upper tube, said middle tube having first and second ends;

first and second grips detachably fastened to said first and second ends of said middle tube;

a platform transversely mounted to said lower tube, said platform having first and second ends;

first and second plates pivotally mounted to said first and second ends of said platform; and

an elastic cord extending lengthwise through said middle tube and attached to said first and second grips for preventing said grips from becoming separated from said middle tube.

Claim 32 (new) The pogo stick of Claim 31, further comprising a pneumatic spring attached to said lower tube.